

he **Carolina
Farmer**

★ OWNED AND CIRCULATED BY NORTH
CAROLINA'S RURAL ELECTRIC COOPERATIVES

October, 1961

LIBRARIAN
UNIV OF N
CHAPEL HILL N C
CAROLINA



this dryer saves you ironing!

New KELVINATOR with Special Wrinkle-Free Drying



Dryer Model DE-700

Here's why Kelvinator brings you so much value!

Kelvinator doesn't waste money making costly annual model changes—mere "change for change's sake." Instead, Kelvinator concentrates on making appliances more useful, more dependable and more economical to operate. Just as soon as improvements are tested and approved, they are introduced. Because of this policy of Constant Basic Improvement, you are always sure of the newest with Kelvinator.

Super-Speed, Triple-Safe Drying, Too!

You iron far less when this new Kelvinator dries your clothes! It smooths and fluffs away wrinkles with a special cool tumble at the end of each drying cycle. Many things need only "touch-up" ironing or none at all.

And for wash-wear fabrics, Kelvinator provides a special cycle with a special heat that sheds wrinkles, but keeps in pre-set creases!

There's no overheating on any cycle . . . temperatures are safe for all washables. In addition, there's a safe, smooth porcelain cylinder that doesn't snag and a safety door that shuts off the dryer when it's opened.

Kelvinator is fast and efficient, too . . . you can dry clothes as fast as you wash them. Available for 115 or 230 volt current. Save time and work with this new Kelvinator dryer!

Buy during the giant Kelvinator "Value Spectacular"...

See Your **Kelvinator** Dealer Now!

SEE YOUR NEAREST KELVINATOR DEALER TODAY!

ASHEBORO
CUT RATE HOUSE FURNISHINGS

BAYBORO
PAMLICO FURNITURE COMPANY

BEAUFORT
HAMILTON FURNITURE COMPANY

BOONE
AYERS ELECTRIC COMPANY

BURGAW
ROCHELLE FURNITURE COMPANY

CLINTON
SAMPSON ACE HARDWARE CO.

DUNN
JOHNSON FURNITURE COMPANY
WELLONS' MERCANTILE COMPANY

DURHAM
BARRINGER WHITFIELD

ENFIELD
TAR HEEL FURNITURE COMPANY

ERWIN
GLOVER FURNITURE COMPANY

FAYETTEVILLE
SHIELDS

FOREST CITY
HUGHES HOME & AUTO

GOLDSBORO
SUTTON-LEWIS FURNITURE CO.

GRANITE FALLS
WILSON ABERNETHY

HERTFORD
BYRUM FURNITURE COMPANY

JACKSONVILLE
AMPERE ELECTRIC COMPANY

KINSTON
BAKER FURNITURE CO.

LELAND
MAC'S HOME SUPPLY COMPANY

LENOIR
ECONOMY AUTO SUPPLY
SHIELDS OF LENOIR

LINCOLNTON
ECONOMY AUTO SUPPLY

MAGNOLIA
L. E. POPE FURNITURE COMPANY

MORGANTON
STUART'S MAYTAG SALES

MT. AIRY
THOMPSON FURNITURE COMPANY

NEWTON
ALMOND FURNITURE COMPANY

N. WILKESBORO
CAROLINA HOME & AUTO SUPPLY

ROCKINGHAM
S & Q FURNITURE COMPANY

RUTHERFORDTON
CARSON FURN. & APPLIANCE CO.

SANFORD
WRIGHT'S FURNITURE COMPANY

SHELBY
A. DICK DUDLEY

SNOW HILL
L. L. MURPHEY, JR.

TABOR CITY
GORE'S MARKET & FARM SUPPLY

TARBORO
BENTON FURNITURE COMPANY

THOMASVILLE
ALMAN-SHAW FURNITURE
B. F. GOODRICH

WALLACE
COASTAL APPLIANCE & FURN. CO.

WARRENTON
BENTON FURNITURE COMPANY

WEST JEFFERSON
ROTEN & ROTEN

WHITEVILLE
L. K. FULLER FURNITURE CO.

WINDSOR
S. B. ADAMS COMPANY

THE FRONT PORCH *by Dick Pence*



One of the hardest parts of my new job as editor of this magazine is explaining to my city friends just who it is I work for. A simple "the Carolina Farmer" seldom satisfies them. They usually want to know what organization publishes the magazine.

This is where complications begin to set in. Telling someone I work for Tarheel Electric Membership Association, Inc., doesn't help at all—even with an elaborate explanation.

No matter how good my explanation is, my listener invariably reduces it down to one simple phrase: "Oh, you mean the REA."

Which is precisely what I didn't mean.

It is so firmly entrenched in the public's mind that anyone who works in any phase of rural electrification is working for the government, that no amount of explaining can make much difference.

One of the office wives has what may be the ultimate solution to the "what-does-your-husband-do" problem. Whenever someone asks, she simply says, "He's a shoe salesman at Hudson-Belk's."

An answer such as this has many virtues. First, it tends to cut off conversation abruptly, which can be an asset much of the time. Secondly, selling shoes is an occupation that requires no explanation. And, of course, Hudson-Belk's is not easily confused with some government agency.

Recently I learned that other folks have much the same problem as I do in getting people to understand who it is they toil for.

In fact, one North Carolina rural electric manager discovered things had gone too far and did something about it.

The young son of this manager appeared one day on an afternoon kiddies' TV show. One of the questions he was asked was: "What does your father do?"

The answer: "He works for the REA." Daddy, who was watching, was livid. But by the time the lad reached home, Dad's temper had subsided to the point where the two could have a little chat.

Said father: "Why did you say I work for the REA? You know who I work for."

Said son: "But, Daddy, it says 'REA' on the side of the building."

And so it did—but not for long. The

next week the letters "REA" came down.

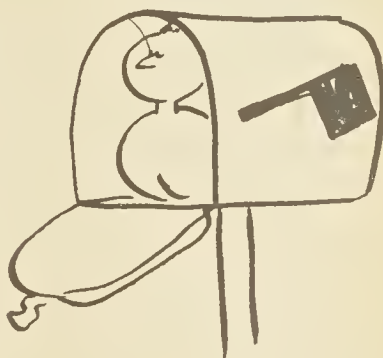
Other children have run into the same problem. And they seem to have solved it with finesse which I lack.

For instance, the daughter of one former TEMA employee informed a playmate that her father was president of CP&L. This no doubt impressed the playmate, whose father *did* work for CP&L.

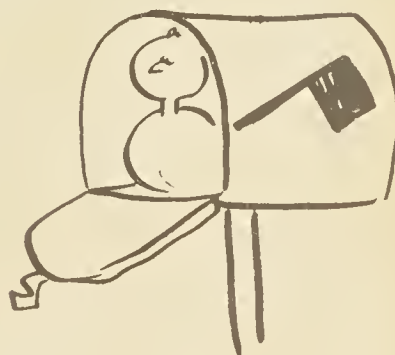
Another lad, whose father was then working on a publication with the National Rural Electric Cooperative Association in Washington, also found the right reply. In the first place, his parents realized he had a problem—so they instructed him to answer inquiries about his father's occupation by saying his Dad was a writer.

(Continued on page 22)

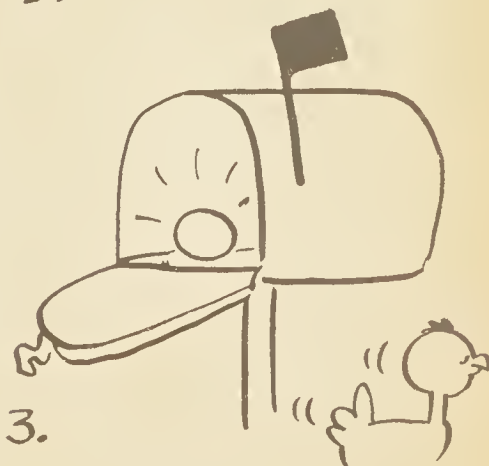
Gertrude . . . by Ted Trogdon



1.



2.



3.

A look at the future . . .

REA Administrator Norman Clapp said it best when he called on rural electric cooperatives to help make successes of the rural development programs underway.

"It no longer will suffice to say that your sole role as cooperative leaders is to deliver electricity. The future of your cooperatives is bound up with the economic future of the areas you serve," said the Administrator.

It doesn't take much searching in North Carolina to discover what these words mean.

The rural areas served by electric co-ops are losing population at a rate almost unparalleled in their history. Low farm incomes and improved technology are forcing farm people to turn to industrial areas to seek the means of earning a living.

What's left? Empty houses. And empty houses don't buy much electricity. Right now, there are some 21,000 idle services on North Carolina electric membership lines—over 10 percent of the total served by the EMCs!

The blueprint for the future, then, is obvious. Rural electric co-ops must, as the Administrator said, turn to the task of developing their areas to their full economic potential.

They must plan, they must help, they must seek help, and they must even finance.

The task before rural electrification leaders is one that past experience has shown they are capable of handling.

the Carolina Farmer

Vol. 16 October, 1961 No. 10

OFFICIAL PUBLICATION
TARHEEL ELECTRIC
MEMBERSHIP ASSOCIATION

WALTER E. FULLER
EXECUTIVE MANAGER

P. O. BOX 1699 • RALEIGH, N. C.

RICHARD A. PENCE
EDITOR

REBEKAH RIVERS
ASST. EDITOR

ARCHIE HATHCOCK
ADV. & POWER USE DIRECTOR

LYNN BRUNSON
EDITORIAL ASSISTANT

THE COVER—North Carolina State College—along with other land-grant colleges—is marking the 100th anniversary of the Morrill Act. This far-reaching legislation has helped to make the United States one of the world's great powers. Why? Because it provided higher education for all with the will and ability. And this Ralph Mills photo helps point out that land-grant students get a practical as well as a liberal education.

FEATURES

- 3 THE FRONT PORCH
By Dick Pence
- 16 RURAL ROUNDTABLE
Friends and steadies
- 18 CAROLINA HOMEMAKER
By Rebekah Rivers
- 22 AROUND THE HOUSE
By Archie Hathcock

ARTICLES

- 6 DEMOCRACY'S COLLEGES
Land-grant centennial
- 9 STATE FAIR
College is honored
- 10 DRESSING RIGHT IN IRELAND
A letter from home
- 14 ELECTRIC HEATING
It's no luxury
- 25 HALE!

NEWS

- 5 KEEPING UP
By Walter Fuller
- 13 POWER BATTLES
Voting record listed
- 24 NEW ASSISTANT EDITOR
Meet Mrs. Wilder

THE CAROLINA FARMER IS PUBLISHED MONTHLY BY TARHEEL ELECTRIC MEMBERSHIP ASSOCIATION, INC. SECOND CLASS MAIL PRIVILEGES AUTHORIZED AT RALEIGH, N. C. UNDER THE ACT OF MARCH 3, 1879. SECOND CLASS POSTAGE PAID AT RALEIGH, N. C. EDITORIAL OFFICES, SUITE 914 FIRST-CITIZENS BANK BUILDING, RALEIGH, N. C. SUBSCRIPTION PRICE 60¢ PER YEAR. CONTENTS COPYRIGHTED 1961 BY TARHEEL ELECTRIC MEMBERSHIP ASSOCIATION, INC.

KEEPING UP with rural electrification

By Walter Fuller, executive manager, Tarheel Electric Membership Association



The Nantahala Power Company rate case—in and out of the lime-light for nearly a year—took a new twist last month when Nantahala and Duke Power Company asked the State Utilities Commission to let Duke buy most of Nantahala's distribution and transmission systems at a price of about \$4,000,000.

On July 16 Nantahala put into effect—under bond—a rate increase of about 30 percent. Hearings on the increase were suspended June 5 to give the Attorney General's office time to thoroughly investigate Nantahala's rate structure. Center of the investigation is a power-swapping agreement between TVA and Nantahala's owner, ALCOA, which apparently lets Nantahala deliver a more dependable supply of power to ALCOA than it charges it for. This could mean ALCOA has been earning a higher rate of return on its investment in Nantahala than the records show.

The investigation may have backed Nantahala into a corner, for now it wants Duke to buy its facilities. Duke would then charge Nantahala's former rates for *three years*, then would put its rates, generally higher, into effect. This amounts to postponing the increase for three years.



Governor Terry Sanford announced three additional appointments to the North Carolina Rural Electrification Authority last month. Named to the Board for four-year terms were Cutlar Lee Ballance of St. Pauls, Glenn Palmer of Clyde and Milton V. Scott of Pinetops. Scott is a new member on the board, the others were reappointed.

Ballance is a former president of Tarheel Electric Membership Association and served as director of the Lumbee River Electric Membership Corporation for 20 years.

Palmer is a Haywood County dairy farmer and former State Representative. Scott has served on the board of directors of the Edgecombe-Martin County Electric Membership Corporation and has been its president for the past two years.



In other appointments last month, the governor completed the make-up of the North Carolina Utilities Commission. Reappointed to six-year terms were Sam O. Worthington and Clarence H. Noah. Named to complete the term of Richard G. Long, who resigned last year, was Brookes Peters.

When the new commissioners were sworn in Sanford expressed the hope that they would represent the people, because, as he put it, "the utilities have enough people representing them."

Meanwhile, Sanford announced that he may engage a full-time expert to study North Carolina's utility laws with an eye to bringing them up to date. The laws have come under criticism from former Commissioner Long and Commissioner Thomas R. Eller Jr. for being "outdated catch-alls."



Nine Kansas electric co-ops have recently signed a new contract with their power supplier, Kansas Gas and Electric Co., calling for firm power to be delivered at a 5.6 mill rate. This rate is about half the rate one North Carolina EMC pays its supplier and about 35 percent lower than what most Tar Heel co-ops pay for power from the private power companies.



A century ago next July 2, during one of the darkest hours in the nation's history, President Abraham Lincoln signed into law the Morrill Act, which made possible the establishment of North Carolina State College and America's 67 other Land-Grant Colleges and Universities.

These institutions of higher learning, later dubbed "Democracy's Colleges," opened up a new era of public higher education and paved the way for the surging development of science and technology—a factor principally responsible for making the United States the world's top power.

With the growth of the Land-Grant Colleges, America's farms and factories blossomed into an era of unequalled productivity and prosperity and are today the marvel of the world.

It has been a dazzling century of progress and rich benefits to the people of America, this 100 years of the Land-Grant movement. It has been a century in which the rise of Land-Grant Colleges undoubtedly has surpassed even the fondest hopes of those mid-nineteenth century Americans who fought for Federal support of higher education for the masses.

America was a robust young country in the mid-1800's. The new venture into a democratic-republican form of government still was suffering experimental pangs, and the democratic ideal had not been extended to the field of education.

Education in America promised to be a repetition of the traditional pattern in Europe. Only the well-born or the wealthy were to be admitted to colleges and universities, and once they were enrolled they would study a curriculum cast in a rigidly classical mold.

The proposition that all qualified young people should have equal access to college was revolutionary.

But there were strong supporters of the idea that the concept of democracy does include higher education. These pioneers of the Land-Grant movement were opposed to traditional "closed-door" education. They well knew that the dynamic and expanding American society needed a young citizenry educated for the huge task of building a great nation. And they knew that the needed education should be more than a classical and liberal one, that training should be given in practical matters.

One of these early pioneers was Justin Morrill, United States Congressman

This school year State College and its 67 sister Land-Grant institutions around the country are marking the 100th anniversary of the far-reaching Morrill Act, which brought us . . .

Democracy's Colleges

By Rudolph Pate, chairman, N. C. State College Land-Grant Centennial Committee

from Vermont. He was a strong spokesman for the Land-Grant idea that the nation put to the service of education the vast resources of its public lands. This tremendous source of natural wealth, Land-Grant proponents argued, could fill the void that existed because of the states' inability to finance higher education at the state level.

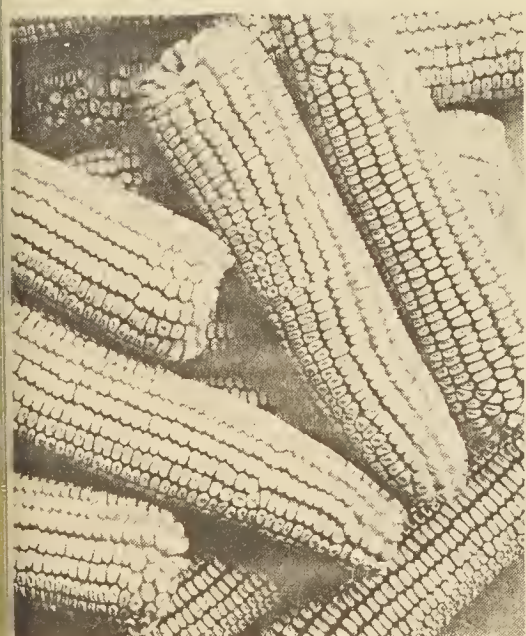
It took five years of legislative maneuvering by Congressman Morrill and his colleagues, but they attained their goal. In the midst of our nation's bloodiest conflict the Congress enacted legislation supporting the Land-Grant idea.

As provided in the Morrill Act the Federal government was to grant to each state 30,000 acres of public land for each senator and representative in Congress. The states then would be permitted to sell the lands, the resulting proceeds would be invested, and the income derived used to establish and endow "at least one college where the leading object shall be, without excluding other scientific and classical studies, and including military tactics, to teach such branches of learning as are related to agriculture and mechanic arts, in order to promote the liberal and practical education of the in-

dustrial classes in the several pursuits of life."

Thus was begun the Land-Grant system of public higher education. Within a hundred years it had become one of the strongest facets of our democratic society. For the first time in history college doors were opened to all who had the will and ability to learn. For the first time in history, higher education that was practical as well as liberal was offered to American youth.

A basic tenet of the Land-Grant faith was and is that the society which supports public colleges and universities be



Hybrid corn adds \$25 million annually to North Carolina farm incomes. This hybrid was adapted to North Carolina conditions by State College scientists.



Learning by watching and doing is a method of education often employed by Land-Grant colleges. These State College School of Design students combine many of the traditional and classical studies with more practical pursuits.

higher education for all with the will and ability

the chief beneficiary. The record of achievement of Land-Grant institutions is ample evidence that this is a living tenet. In terms of national strength and advancing culture, in the form of increased wealth, better health, and general well being, Land-Grant Colleges are the nation's leading contributors.

The Land-Grant Colleges have become the nation's largest single source of trained and educated manpower. Today they enroll 20 per cent of the college population in the country. They train almost half of all regular and reserve officers entering the armed services through their programs in ROTC and other military training plans.

Land-Grant colleges confer all United States doctorate degrees in the field of agriculture; 50 per cent of those in science, engineering, and health programs; and 25 per cent of the doctorates in the arts, languages, business, commerce, and education itself.

The value to Americans of Land-Grant research contributions alone exceeds by many multiples the total amount expended on the colleges since they came into being. Some examples are:

—Discovery of streptomycin for the treatment and control of tuberculosis.

—Development of the anti-coagulant dicumarol for use against blood clots; of open heart surgery and new methods of repairing defects of the heart; of the use of radio isotopes for medical therapy and diagnosis.

—Development of the television tube, the transistor, and the first cyclotron; and the production of pure uranium.

—Development of hybrid corn and disease resistant wheats and tobaccos.

—Findings responsible for the beginnings and growth of the ceramics, wood pulp, and soybean processing industries.

At North Carolina State College, for example, researchers have developed tobacco disease control measures which save tobacco growers \$20 million per year. Chemical weed control developments return \$10 million in extra profits. The college's development of hybrid corn has meant \$25 million per year to North Carolina farmers alone.

The program in waste-reduction research in the School of Forestry at North Carolina State College will mean a benefit of \$50 million a year to furniture manufacturers. Other research in forest genetics is returning additional millions of dollars.

North Carolina State College is currently engaged in research on the direct conversion of heat to electricity. If this development is completed, power production across the world will be revolutionized.

The role of the Land-Grant College of today is the same as the role of any other college: that of conserving, advancing, and transmitting knowledge. What makes the Land-Grant college distinctive is the manner in which three distinct methods

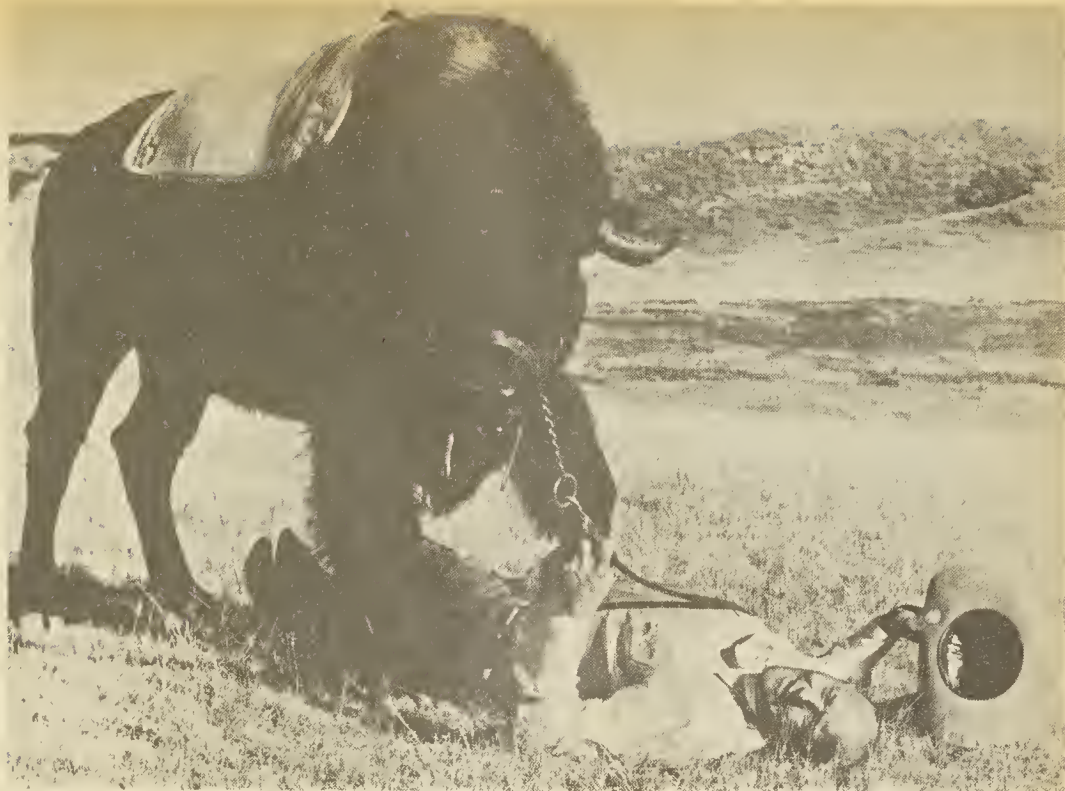
(Continued on page 17)

Scientists like Walton Gregory, geneticist at State College, have meant much to North Carolina farmers. Here he looks at a tag marking one of the thousands of mutants from which came NC 4x, which Gregory helped to develop.



“... the leading object shall be, without excluding other scientific and classical studies, ... to teach such branches of learning as are related to agriculture and mechanic arts, in order to promote the liberal and practical education of the industrial classes in the several pursuits of life.”

—The Morrill Act



This giant bison (buffalo to you) and his trainer, LaRue Olson, will be a feature of this year's North Carolina State Fair. The big fellow is called the first really trained member of a breed that was long thought to be untrainable. He's been seen on TV and in Walt Disney's "Westward Ho the Wagons."

Fair Will Honor State College

□ Recognition of the 75th anniversary of the founding of North Carolina State College and the centennial of the Land-Grant college movement in America will be given by the 1961 North Carolina State Fair. The Fair will run from Oct. 16 through 21.

To honor the double anniversary, the central theme of the Fair will be a portrayal of the Land-Grant college philosophy and a salute to State College for its contributions to the movement.

Exhibits in the central theme area of the State Fair Arena will be developed by the nine schools at State College and will reflect the Land-Grant concept.

The central centennial theme will be used by other exhibitors such as the 4-H and Home Demonstration clubs, machinery and livestock groups, and industrial organizations.

As an additional honor to State College, the opening day of the Fair, Monday, Oct. 16, has been designated as "North Carolina State College Day" by Governor Terry Sanford and L. Y. Bal-

lentine, commissioner of agriculture.

Other exhibits of state-wide interest are those produced by the University's School of Public Health and the School of Pharmacy; the "County Program" series of five displays on community and area development, by 15 agencies of the N. C. Board of Farm Organizations, of which the REA is a member. Transylvania, Randolph, Richmond, Wayne and Perquimans county agencies will produce these exhibits this year.

Entries in the competitive departments for individuals are expected to top any previous year, with exhibitors showing more than 12,000 individual entries and competing for over \$55,000 in premium money.

The classes for the Junior and Senior livestock shows will bring thousands of sheep, swine, ponies, beef and dairy cattle from every section of the state and many adjoining states.

Entertainment offers something of real interest for everyone. There will be America's most exciting sport, an RCA-

approved rodeo with professional cowboys and cowgirls in seven performances in the J. S. Dorton Arena; harness horse racing, thrill shows and big-car auto races each afternoon before the Grandstand. Each evening the starlit stage will offer the favorite musical revue, Hal Sands' Manhattan Rockettes.

Fireworks will be a top feature of each evening, Monday through Saturday. Civil War Centennial and Tony's Circus features will provide the themes for these colorful fireworks displays.

On Tuesday and Friday some of the best high school bands of the state will participate in parades, special shows and other events, including a big free concert each evening by the selected musicians from these bands. J. Hamilton Johnson, director and composer, has arranged a fine program especially for these concerts which will include the official arrangement of our state song, "Carolina" and his own unique and popular version of "Dixie," which was the hit of the first State Fair "Band Day" last year.

Dressing Right In Ireland

By ITA HARNETT
(*an Irish girl*)

THE style of dress worn in Ireland today differs little from that of other countries. In some rural districts traditional Irish dress is still worn. Such items as the Aran Gansey, Connemara Shawl and Hooded Cloak are exclusively Irish, and have come down to us from old Irish Costumes of centuries ago.

The Aran Gansey, in sweater or lumber style, is very popular with both men and women, and worn all over the country. It is hand-knit from thick soft wool in traditional pattern, incorporating intricate and admirable design of knitwork. It is much admired by visitors to this country. So many wish to acquire one to take home that they are now stocked at the duty-free shop at Shannon Airport, and are priced at about \$35.

Connemara Shawls are worn only by the women of Connemara, a mountain region in the West of Ireland. They are very beautiful in design and colour, the patterns being woven in at the making,



THE CONNEMARA SHAWL is worn only by women of that mountain region in the west of Ireland.

It's Been Said

Henry Ford II, head of the Ford Motor Company: "A lot of people call everything we do creeping socialism . . . I don't really know what creeping socialism is. If the critics will define the term, I'll tell them whether I think this is creeping socialism . . . Everytime that we do something new, people cry that it's either communism or socialism."

J. C. Brown Jr., former editor of *the Carolina Farmer*, now Potomac Basin Coordinator with the National Rural Electric Cooperative Association: "I can think of no better way of demonstrating good citizenship and pride in America than backing comprehensive, 'multipurpose' development of the Potomac. This is the river which millions of visitors know us by, and we've let it become an open cesspool. We should make the Potomac a living monument to America's strength, and nothing less than the full use of this resource should be accepted."

Rep. Chet Holifield (Calif.): "The commercial utilities are in a preferred status and I warn them to restrain their greed! They might read one of Aesop's fables about the dog who made his bed in the hay manger. He would not eat the hay, nor would he let the cattle eat it. This fable is a perfect illustration of the selfish attitude of the privately owned utilities."

Clyde Ellis, general manager, National Rural Electric Cooperative Association: "Our enemies are determined to kill us off as something undesirable. But our enemies are selfish groups and I say that our rural electric co-ops are as American as apple pie and more truly in the American tradition than are the tactics of those who oppose us."

John Satterfield, president, American Bar Association: "Tax favoritism, tax advantage, or tax discrimination in favor of cooperatives does not exist. Every individual proprietor, every partnership, every corporation in the United States may enter into patronage contracts under which patronage refunds (or delayed discounts) are deductible or excludable from taxable income of the business."



THE HOODED CLOAK is worn in West Cork.

and the shawls finished with a deep fringe. They are warm and thick, and are worn as an outer garment in place of cloak or coat.

The Hooded Cloak is peculiar to a district in South Ireland—West Cork. This is a handsome flowing garment reaching to the ankles and preserving the traditional style of Old Irish Dress of centuries ago.

The people of Ireland had from early times their own costumes and fashions in dress. Early Irish sculptured monuments and illuminated manuscripts reveal a wealth of beauty and art in design and make-up of these old Irish costumes. Pictures and portraits of men and women who gave outstanding service to Ireland about the 16th and 17th centuries make an interesting study. The men of that period wore their hair long, and pictured in full battle dress of the time, they cut a handsome figure.

All old Irish costumes of men consisted mainly of four garments: mantle, shirt, jacket and pants. These varied down the ages in details of colour, cut and decoration. Gradually they became more plain-cut, and the original adornments left out.

Fashions in early Irish women's dress varied considerably in different parts of Ireland. But the traditional dress worn by women in the higher ranks of society consisted of the same elements as those

of the men. The long mantle was common to both. This developed into the Hooded Cloak commonly worn by Irish women up to 100 years ago, and still worn in remote parts of the countryside. For a head covering it was the custom to wrap a kerchief round the upper parts of the head, with its ends folded and hanging down the sides of the face. Over this was a hat with a flat crown and a fairly wide brim.

Many items of old Irish costumes are still preserved at the National Museum in Dublin. Quite a few articles have been dug up in bogs at various places throughout the country, still in a good state of preservation but with the woolen homespun with which they were made being darkened by long contact with the wet peat.

When England conquered Ireland the old forms of Irish dress were forbidden and brought to an end, and the adoption of English costumes in Ireland insisted on instead. Thus, the colourful old native costumes disappeared, except in remote districts where English influence failed to penetrate. In these out-of-the-way spots—mountain valleys, and along the western seaboard—the old Irish way of life went on without change. The Gaelic language was preserved, and is still the spoken language to the present day, and the womenfolk still wear the old Irish dress of centuries ago.



Standing by the portrait of the late G. F. Messick are his son, Henry, his daughter, Mildred, and his wife. Another son, Paul, could not attend.

A Pioneer Is Honored

A pioneer in North Carolina rural electrification was honored last month.

He was the late George Finley Messick, a leader in the dramatic, toe-to-toe struggle to bring electricity to the people of Caldwell County and rural North Carolina.

It was Messick who led the fight in the no-holds-barred battle with private power companies in the early and mid 1930's.

Messick was the first manager of Blue Ridge Electric Membership Corporation, and it was that EMC which honored him at its 25th anniversary annual meeting in Hudson.

Some 3,000 Blue Ridge members looked on as Mrs. G. F. Messick unveiled a portrait of her late husband.

Also present for the unveiling were a son, Henry, and a daughter, Mildred. Another son, Paul, could not attend.

Two members of Blue Ridge EMC were featured speakers at the annual

meeting: L. Y. (Stag) Ballentine, North Carolina Commissioner of Agriculture; and Gwyn Price, Chairman of the North Carolina Rural Electrification Authority. Both, though now living in Raleigh, have homes in the territory served by Blue Ridge EMC.

Here are the words of G. Walter Sullivan, former president of the Board of Directors of Blue Ridge EMC, prior to the unveiling:

"...We wish to pay special tribute to our first manager and his family, George Finley Messick. Messick attended school in Lenoir, then went to Rutherford College and Appalachian State Teachers College. He worked with farming and land surveying before his days with the cooperative. He always had a keen interest in helping farmers to have electric power.

"Mr. Messick spearheaded the organization of the local cooperative 25 years ago. He had many struggles in behalf of the cooperative—he worked night and

day the first year without pay. He walked miles, made numerous trips to Raleigh and Washington, held meetings to educate local people to the real needs for a cooperative and actually bore much expense from his own pocket.

"He faced many doubting Thomases who said, 'It can't be done,' with the determination to do it. As manager he continued his zeal and enthusiasm, working himself to death at the job so that you and I could have an abundance of electric power today at the lowest possible cost. We can never repay nor say enough about Mr. Messick and the wonderful job he did in making Caldwell County and Northwest North Carolina the 'Brightest Spot in Dixie.'"

Henry Messick, son of the first Blue Ridge manager and now a newsman with the Louisville *Courier-Journal*, expressed thanks for the honor bestowed on his late father. He said that if his father were here today he would be extremely pleased with the growth and success of Blue Ridge EMC.

Colorado Project Clears House; Hanford Generators Are Defeated

CLIMAXING ONE of the dramatic struggles in the current session of Congress, the House last month approved funds for an all-Federal transmission system for the Colorado River Storage Project.

This spelled defeat for private power company forces who have strenuously opposed the all-Federal system and who have been using every trick in the book to sway Congress to adopt a proposal

At press time, as Congress rushed toward adjournment, the Senate passed the Public Works Appropriations Bill, providing for \$13,673,000 to begin construction of an all-Federal transmission system for the Colorado River Project. A conference report, adopted by both houses, said the Secretary of Interior can proceed with the construction of such a system unless he finds it practical or in the national interest to enter into wheeling agreements with private power companies.

letting the private utilities build the key links in the transmission grid. Under this plan, the power companies would have been able to control the Colorado River Project for an investment of about 10 per cent of its over-all cost.

Had the power companies won out, they would have reaped a windfall amounting to millions of dollars in fees for transmitting the Federally-produced electricity to consumer-owned companies in the five states of Arizona, New Mexico, Colorado, Utah and Wyoming.

In a roll vote (Sept. 13) the House rejected 224 to 182 a motion by Representative Ben Jensen of Iowa to delete funds for the Federal lines from the Public Works Appropriations Bill. The House followed up by passing the bill, 377 to 31.

On the day before the final vote, Representative Jensen introduced his amendment which would have allowed the

power companies to build the controversial lines. The House defeated the amendment in a non-record vote, 135 to 114.

The Colorado River Project, authorized by Congress in 1956, consists of three, major hydro-electric dams with an output of 1.3 million kilowatts of electricity plus large water reservoirs on the upper Colorado River and its tributaries.

Construction of an all-Federal network of transmission lines to take power to 160 rural electric systems, municipalities and power districts, has been endorsed by both the Kennedy and Eisenhower Administrations.

Revenues from the sale of the electric-

ity to the consumer-owned organizations in the five-state area will repay approximately 90 per cent of the cost of the multi-purpose project. Besides electricity, the project will provide vast irrigation and water supply facilities.

The all-Federal transmission lines for the project are not home safe, however. The measure must still clear Senate committees and the Senate floor. But observers feel the toughest part of the fight was getting House approval.

CLOSE ON THE heels of the victory for all-Federal transmission of power from the Colorado River Storage Project, the House rejected a compromise plan for an atomic power plant at Hanford, Wash. This was the other major-public power issue to come before this session of Congress.

The compromise, contained in a Senate-House conference report, went down to defeat on a roll-call vote, 251 to 155. The conference recommendation called for a single steam generator to be built in conjunction with the Hanford nuclear reactor, instead of two as originally proposed at a cost of \$95-million.

The single unit, with a price tag of \$58-million, would have supplied power to the Hanford plant only. The dual generator program, which had been twice rejected by the House, would have made a substantial block of low-cost electricity available for resale to commercial customers.

The single generator for Hanford would have produced 400,000 kilowatts of electricity from the defense plant's steam, a by-product of nuclear weapon production. Now, presumably, the steam will be allowed to go to waste.

The Senate agreed to the House version of the AEC authorization bill late last month, thus clearing the way for the bill to go to the President—without provisions for steam generators at Hanford.

Previously the Senate had passed a measure calling for two generators, then accepted the House-Senate compromise calling for one generator. (NRECA)

Vote Record

Votes in color considered favorable by Tarheel Electric Membership Association.

Y—Yea. N—Nay. X—Paired Against.
Vote No. 1—To recommit public works appropriation bill to committee with instructions to report back with amendments eliminating part of the federal transmission lines for the Colorado River Storage Project. Favorable vote was "nay."

Vote No. 2—On accepting House-Senate Conference report authorizing one generator at the nuclear reactor at Hanford, Washington. Favorable vote was "yea."

HOUSE	No. 1	No. 2
Alexander	Y	N
Bonner		N
Cooley		X
Fountain		N
Henderson		
Jonas	Y	N
Kitchin	Y	N
Kornegay		N
Lennon	Y	N
Scott	Y	N
Taylor	Y	N
Whitener	Y	N

(No record votes in Senate)

ELECTRIC HEATING NO LONGER A

By D. A. Wilcox, REA Power Utilization Specialist

□ The rural homeowner is surprised when he learns that it costs no more to heat his house with electricity than with conventional flame fuels. But he is elated when he learns that this modern, matchless, economical method of heating has advantages which no other heating method can touch.

Electric heat offers the most comfortable heating, on an individual room basis, of any known system. Solar heat (sun through windows) has a marked influence on all heating systems. A central heating plant, controlled by a single thermostat, can be a serious discomfort to living, and also can waste fuel. Should the thermostat be located in a room shaded part of the day, other rooms, with sun coming through windows, may be overheated. Later in the day, sun coming into the room with the thermostat may reduce the operation so that the rooms which were previously overheated will not get enough heat.

Such problems do not exist with individual-room-controlled electric heat. Only electric heat offers individual room control to suit living habits and climatic conditions, at a reasonable initial cost. Bathrooms can be toasty warm, bedrooms comfortably cooler than living areas. Why waste heat where it isn't needed? Individual-room-controlled electric heat offers reduced operating costs and more comfortable living.

Cleanliness and Safety

Electricity is the perfect fuel for home heating today. Only electricity uses 100 percent of its energy to produce heat. There are no by-products creating film or smoke to smudge walls, no wasted heat going up a chimney, no heat exchanger or boiler that must reach a certain temperature before it can dispense heat.

There can be no explosions from electric heat. Electric heaters do not cause burns and fires. No other fuel compares with electricity for cleanliness and safety.

Almost every homeowner wishes to rearrange furniture from time to time. In many homes such moving is impossible due to location of heating ducts or radiators. With electric heat, furniture can be arranged and rearranged as often as desired.

Electric heat not only provides clean

and safe heat, but it is free of the upkeep costs that go with other heating systems. There are no fuel or air filters to change or clean periodically, no nozzles to clean or adjust, no motors to oil and repair, and no worry about tanks to keep filled or leaks to be repaired. Electricity has no odor. You have only to flip a switch for electric heat. There are no annual upkeep or repair bills, or monthly service adjustments to be made.

Economical to Use

Until recently, electric heating was practical only in low-cost power areas. Now it is within reach of average household budgets in most parts of the country.

What brought this about?

Several factors have made it possible for electricity to challenge the flame fuels for the job of heating American homes.

For one thing, engineers have learned new tricks about holding heat within a house. Newer types of insulation are more effective in slowing down the flow of heat from the warm interior through exterior walls to the cold outdoors. Electric heating equipment has been improved also. And oil and gas prices have gone up while the cost of electricity has held steady or actually declined.

The homeowner who is looking for the ultimate in winter comfort will do well to consider electric heat, not as a luxury, but as the most economical way to heat a house. He will be pleasantly surprised how little it costs to heat the average home electrically.

Many Factors Determine Cost

Many factors determine the cost of electric heat. The homeowner can do little about two of these—the local electric rates and the climate. Obviously it will cost more to heat a home in an area where temperatures fall to -10 degrees

Cost Example

Here is an illustration of the cost factors in a typical home with 1,000 square feet of living space which is designed for electric heat:

ADDITIONAL COST for Electric Heat

Additional service entrance	\$ 75
Additional insulation needed	65
Storm windows and doors	160
Extras for electric heat	\$300

COST SAVINGS over Flame Fuels

Furnace room, floor space, etc.	\$220
Chimney	100
Ducts or piping	100
Oil or gas tank and service lines	100
Cost for Flame Fuels	\$520
Less extras for electric heat	-300
Total Installation Savings	\$220

Beyond this original saving, the homeowner will take into account the many annual costs that go with use of a flame fuel. For example:

Cost of operating pump or fan	\$15 per year
Cleaning of central system	25 per year
Maintenance of central system	20 per year
Annual Savings	\$60

LUXURY



A SERVICE OF
NRECA

than where they rarely drop below freezing.

What about electric heating for older homes? In most cases it's practical. The exception is the house which can't be properly insulated because it has solid masonry walls or some other peculiar construction that makes the application of sufficient insulation impractical.

Unless major remodeling is planned which involves the removal of lath and plaster, it will be necessary to use insulation that can be blown into the outside wall stud space. To do an efficient job requires use of the right equipment, operation, knowhow, and an adaptable insulation. The equipment for blowing the insulation must have sufficient power to provide the proper density and enough capacity to reduce the installation time to a minimum.

The conscientious applicator will soon learn how and where to look for "blind spots" in the walls created by fire stops, braces, wiring, plumbing and other obstructions between the studding.

Occasionally, in the framing of a house, double studs will be required. These are sometimes separated an inch or two. The

space between these studs must be insulated to eliminate cold spots on the wall that will cause condensation and wall discoloration. The insulation used should be a material that can be blown into these and other small voids.

Windows are perhaps the most critical area to insulate in any home. At best, there is several times more heat loss from and around windows than through an equal area of properly insulated wall. In all areas of the country, except the extreme south, storm windows are a must. The space between the window frame and the roughed-in opening should be filled with insulation to reduce wind blow-through which causes excessive heat loss.

- Ceiling areas are perhaps the easiest to insulate, and for this reason they are sometimes the most neglected. When blown insulation is applied to the ceiling area, it should be evenly distributed. Often the inexperienced operator will attempt to apply the insulation at right angles to the direction of the ceiling joists. This usually results in little or no insulation on the far side of the joist. If ventilation is provided by louvers located under the eaves, extreme care must be exercised

to prevent obstructing the normal flow of air.

There are several different insulating materials on the market for use in the existing home. Some are more acceptable than others. You must remember that in insulating the existing home much of the actual work is done "blind." In other words, experience of the insulator is called upon to know when all the voids in the wall space have been completely filled, and enough insulation material has been applied. Insulations that have short fibers and are fine enough to filter into small cracks, crevices and openings have been found to give the best results.

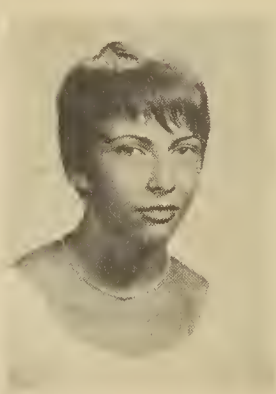
The proper application of sufficient good-quality insulation will make any home, old or new, comfortable and economical to heat with electricity.

You've been reading about all of the advantages of electric heating. Your cooperative's manager or electrification advisor will be glad to give you information and provide assistance in planning for either total home electric heat or supplemental electric heat. You'll be well pleased with the many advantages that this heating method offers.

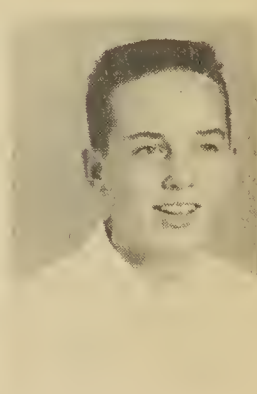
Rural ROUND TABLE

Should I date my best friend's steady?

After thinking this over, I think that the answer should be no, for two reasons. First, if the boy was worth dating, he would not want to run out on his steady. If he is really supposed to be going steady and still wants to date other girls, I believe that he should tell his steady. Second, if you want to keep your best girl friend, you had better not do this. However, I think the girl should not get mad because evidently the boy does not care much about her, or he would not want to date anyone else. She might be better off to let him go.



Loretta Respass
Woodstock EMC



Seth Barrow
Pitt & Greene EMC

No, I would not date my best girl friend's steady. I would value the friendship of my girl friend more than I would a date with her steady. You can get a date most any time but a true friend is hard to find, and I would not want to lose her friendship. If you were to date her steady, she would probably think you were betraying her, and you would probably lose a friend for life. I believe that if a boy is going steady, he should remain true to his steady, and not date other girls while he is going steady.

No, do not date your best girl friend's steady unless they are not getting along or they are about to break up. Your best girl friend might take it lightly if you would date him, but probably she would become your enemy. If she really loved him, she would probably do something to get even with you. Wouldn't you rather have a girl friend than a boy who has already shown his disloyalty to your friend? So my advice is to stay away from boys who are already going steady—especially if his steady is your best friend.



Jack Sineath
Central EMC



Linda Smith
Burke-McDowell EMC

The answer to this question depends largely upon how your best friend feels toward her steady—and how you feel toward your best friend. Ordinarily you would say, "Of course she cares about him, or she wouldn't be his steady." Being her best friend, you may know if this is true or not. If you find out that she is still fond of him, even though he may want to be free of her, you shouldn't be the one to break them up. If you claim to be her best friend, this would be putting your friendship to too much of a test. Remember, true friends are priceless possessions.

THIS MONTH'S QUESTION is asked by Alma Christine Hylemon, Burnsville, Rt. 1. Alma feels that her question is one facing many high school students today.

She is 16 and a member of the Cane River High School's junior class. Alma enjoys sports ("especially basketball and bowling"), but she is equally fond of good music. She writes that she "loves to cook and sew."

Alma is the daughter of Mr. and Mrs. Lige Hylemon, who are members of the French Broad Electric Membership Corporation.

Got a Question?

Have you a question you'd like answered by our panel? If so, send it to the Rural Roundtable, the Carolina Farmer, P. O. Box 1699, Raleigh, N. C. Include the following information: your name, school and grade, name of parents, address, name of electric membership corporation, and your special interests and talents. If your question is chosen for the panel to answer, we will send you \$5.

Democracy's Colleges

(Continued from page 8)

of serving this basic aim are woven together.

First and foremost is the wide variety of undergraduate and graduate curricula. Land-Grant Colleges, which begin by offering training in the application of science and technology to a nation on the threshold of agricultural and industrial revolutions, have kept pace with the times. The colleges have responded to new needs by expanding their offerings while continuously insisting on high standards. Thus students today receive vital training unsurpassed in its caliber.

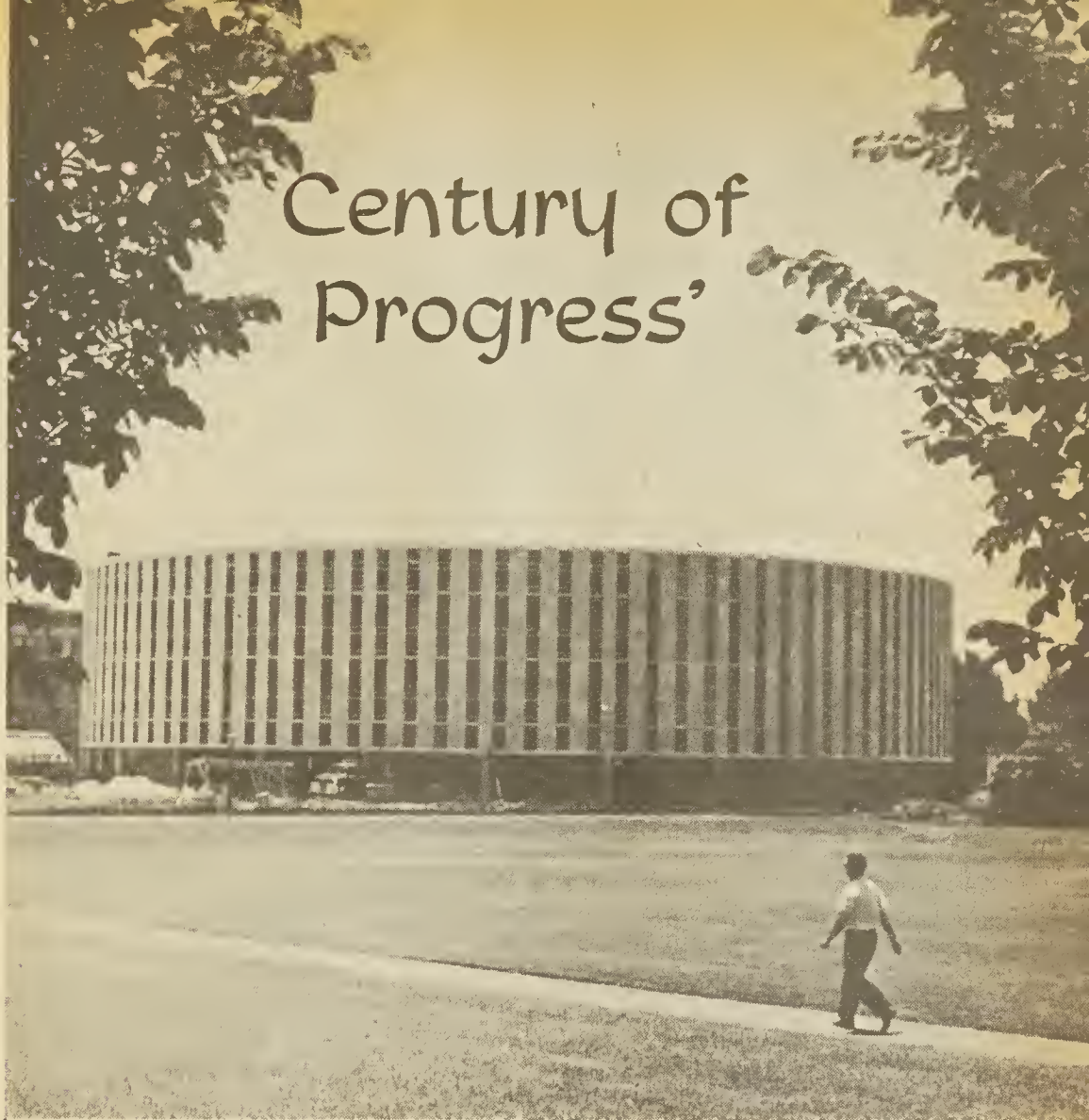
Second, to teaching and research has been added the important concept of basic and applied research as an integral part of the Land-Grant College's work. At North Carolina State College, for example, the research budget last year totalled over \$5 million dollars. New academic programs at the graduate and the undergraduate level require individual research work by the student as a part of his course work.

Last but not least are the Land-Grant



The success of America's Land-Grant system is marvelled at around the world. State College attracts hundreds of foreign visitors like this one each year. They come seeking ideas and practices to take back to their own countries.

Century of Progress'



Tours of this new circular classroom building will be among the attractions at State College's School of Agriculture Open House next month.

North Carolina State College's School of Agriculture will put a "Century of Progress" on display at its annual open house Saturday, November 4.

High school seniors, their parents, counsellors and science teachers, will see exhibits and demonstrations depicting agriculture 100 years after the establishment of the Land-Grant college system, of which State College is a part.

The day-long program will begin with registration in William Neal Reynolds Coliseum at 8:30 a.m. A general program in the Coliseum at 9:30 will feature Governor Terry Sanford; State College Chancellor John T. Caldwell; Dr. H. B. James, dean of the School of Agriculture; and Dr. Bowen Dees, in charge of science educational programs for the National Science Foundation.

This program will be followed by tours through the departments of the School of Agriculture.

Colleges' programs of extension work, embracing both cooperative extension in agriculture and home economics in association with the United States Department of Agriculture, and general extension activities, including adult education courses, radio and television programs, conferences, and special institutes to disseminate knowledge beyond the college campus.

Especially in the area of extension work has the Federal government continued its support of the Land-Grant College move-

ment. Agricultural experiment stations in each state are administered by a Land-Grant College. The cooperative extension programs, which are Federally sponsored, comprise a vast network of statewide services, including county agricultural agents, and 4-H Clubs.

Today the Land-Grant idea is no longer exclusive to America. The democratic ideals expressed by Land-Grant Colleges have spread to many other countries in the world as have the rewards of our Land-Grant system.



The modern homemaker who is lucky enough—or foresighted enough—to own an electric range knows that she can cook without looking. All she need do is select the proper heat, set the controls and walk away. She can tend to other household tasks, join her neighbor on the front porch, or run downtown to shop. And all the while, she can feel confident that the automatic, controlled-heat feature of her electric range will “watch” the foods for her—with nary a chance of bubbling over, burning or boiling away.

The owner of the modern electric range knows that her food will taste better, too, thanks to controlled heat. She can use far less water for vegetables and fruits than when cooking with other fuels, knowing that even a little goes a long way on an electric range. This means important nutritive savings, as well as flavor preservation, since excess amounts of cooking liquids tend to “flush away” vital minerals and vitamins.

When she cooks a pot roast, stew, spaghetti sauce or other dish that needs long slow simmering, the electric range’s automatically controlled heat will “do it to a turn” entirely without the homemaker even peeking once to make

*The Carolina
Homemaker*
Edited By Rebekah Rivers

‘What’s for Dinner, Dear?’

sure the dish is cooking the way she'd like. In the same way, the controlled heat feature of the electric range saves her the trouble of constant peeping and re-adjusting when she's sauteing veal or frying chicken.

The homemaker who has an electric range finds that she doesn't need to use her double boiler any more. The lower controlled heat settings permit her to make custards, cereals and pudding or to melt chocolate or butter, without bothering with that second utensil of hot or gently boiling water. No nervous watching, either!

When the homemaker bakes or roasts in her electric oven, results are as fool-proof as a good recipe and proper uten-

sils can make them. The steady heat at the just-right temperature assures the best possible cake or roast or biscuits or souffle, that looks right on the outside and is done right through and through.

Broiling in the electric range achieves the best possible results, too. The food is exposed to clean radiant heat, assuring the finest flavor. And the homemaker can accurately estimate the cooking time; the steak or chops or hamburgers will be done when she expects, because she can rely on the heat source to "deliver" accurately and constantly. Electric-range broiling puts a charcoal grill to shame, as far as results are concerned. And what could be cleaner than soot-free smoke-free electricity!

A Step in Time

Time's precious, especially to the working wife who must somehow combine business duties with household duties and maintain a healthy balance.

As every woman knows, a most necessary duty after the business day is done is that of preparing the evening meal. One of the greatest assets to the working wife is a dependable, automatic electric range and some clever but different recipes that call for a minimum of preparation.

The following electric range broiler meal is simple to prepare and is specially designed for serving two. The entire meal outside of the salad and dessert can be made in one electric range broiler pan. Remember that when a broiling distance is specified in a recipe, it means the distance between the heating element and the top of the food.

The first menu includes Hawaiian short ribs of beef, coconut, chutney, broiled bananas, rice cakes, green pepper and cucumber rings, lemon snow topped with toasted almonds and jasmine tea.

The night before, make the dessert and marinate the short ribs. (Note: dessert recipe calls for 1 egg white; save yolk for rice-cake recipe.) When you get home from work, prepare the rice cakes and place in broiler pan with meat. Add bananas when meat and rice cakes are half-done, when it's time to turn the rice cakes. While dinner is broiling, cut the cucumber and green pepper and arrange the salad, set the table and start boiling water for tea.

Hawaiian Short Ribs: Buy 1½ to 2

pounds of short ribs; cut meat away from bone and marinate meat in a mixture of 1 cup soy sauce, 1 teaspoon brown sugar, 1 clove garlic cut in half and 1 teaspoon ginger. Refrigerate several hours or overnight. Broil 20 minutes, 3 inches from heating element, basting frequently with marinade. Serve with chutney and shredded coconut as accompaniments.

Rice Cakes: To 1½ cups of cooked rice, add 1 egg yolk, ¼ teaspoon salt, 1/8 teaspoon pepper, 1/8 teaspoon nutmeg; mix well. Shape into 4 patties, dip patties in 1/3 cup cracker crumbs and brush with 2 tablespoons melted butter. Broil 20 minutes, 3 inches from heating element, turning once.

Broiled Bananas: Peel 2 firm, green-tipped bananas; sprinkle with a little lemon juice and brush with melted butter. Then sprinkle with a little brown sugar, more lemon juice and a dash cinnamon. Broil 10 minutes, 3 inches from heating element.

Lemon Snow: Follow directions of box of prepared lemon pudding and pie-filling mix; cool slightly. Meanwhile, beat 1 egg white with dash of salt until foamy. Gradually add 1 tablespoon sugar and continue beating until white stands in soft peaks. Divide lemon pudding mixture into two parts; refrigerate half for future use. Gently fold beaten egg white into remaining pudding; turn lemon snow into dessert dishes and chill until firm. At serving time, sprinkle each portion with toasted almonds, if you like.

Vegetables Anyone?

Are the vegetables you serve at dinner rather tired and lifeless? If so, perhaps your present range isn't giving them the special attention they need and deserve. Every vegetable is an individual. Each requires a certain heat or temperature and cooking times vary. The controlled heat of the surface units of a new electric range can put life into your vegetable dishes. Every vegetable you serve will be crisp, tempting and healthful when you cook electrically.

The new electric range assures you of full nutritive value of the vegetables you cook because very little water is required during the cooking process. There's never a vitamin or mineral wasted down the drain because your vegetables aren't submerged in a sea of water. You can use as little water as possible, usually not more than half a cup for a serving of four with your electric range.

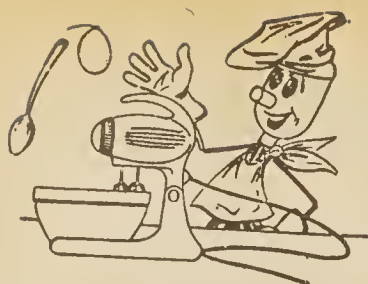
For perfect cooking of vegetables on your electric range, here are some tips.



Use flat-bottomed, straight-sided utensils that cover the heating unit. When steaming vegetables, make sure saucepans with tight-fitting covers are used. Cut fruits and vegetables to uniform size to insure even cooking. Switch to "low" heat when foods reach the steaming point.

Cooking electrically hands you heaps of advantages. It gives you accurate electrical or thermostatic controls that offer a wide selection of cooking "speeds." Heating units get hot in seconds. Because there's no flame, cooking with electricity is sootless—keeps your kitchen cleaner.

So if you want to contribute to your family's health, cook their vegetables electrically. They'll taste infinitely better because they're cooked with virtually no water by your electric range and they'll gain new dignity in the eyes of your family.



Carolina Kitchens

Recipes From Co-op Homemakers

MRS. NORMAN P. HANCOCK, Harkers Island, says that her hot milk sponge cake is such a family favorite that she wanted others to try it. "It's a fine batter," she advises, "with any desired frosting."

Mrs. Hancock is a native Virginian, but has been living on Harkers Island (her husband's home) for 14 years. She "loves living on the island and appreciates her co-op electric service."

The Hancocks have one son, who is 17 years old.

Next month, we'd like to run a favorite Thanksgiving recipe of some North Carolina co-op family, so we're sending out a plea for help. Won't you send us your family's favorite Thanksgiving dish? It could be the one chosen for this column in November, but, if not, it might be used another time. Just address your recipes: "Favorite Thanksgiving Recipe," The Carolina Farmer, Box 1699, Raleigh, N. C. And tell us something about yourself when you send the recipe: the name of your electric membership corporation, the size of your family, your hobbies, etc.

CAROLINA FARMER RECIPE

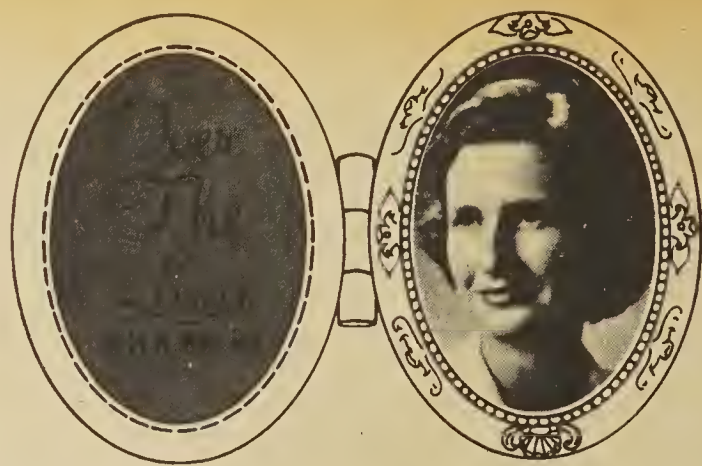
Submitted by Mrs. Norman P. Hancock
Harkers Island, N. C.

HOT MILK SPONGE CAKE

3 eggs	1 piece of butter (size of walnut)
$\frac{3}{4}$ teaspoon salt	2 teaspoons baking powder
2 cups sugar	2 cups plain flour
$1\frac{1}{4}$ cups milk	1 teaspoon vanilla

Break eggs into large mixing bowl, beat well. Add salt and sugar. Beat well. Add flour. Beat well. Heat milk and butter until it comes to boil. Remove at once, and pour over batter, beating well again. Add vanilla and baking powder. Beat well. Pour into 9-inch layer pans that have been greased and floured. Bake in oven 350 F. from 20 to 30 minutes, depending on thickness of layers.

Cool, spread with favorite frosting. This cake is especially good with old-fashioned red jelly spread between the layers, and sprinkled with coconut.



Help! Help!

This month, I'm turning my column over to four homemaker readers of the Carolina Farmer who are seeking various bits of information. If you have the answers to these questions, won't you please share them with the ladies? I'm including the addresses so you can write directly to them.

☐ MRS. MATTIE HOUCK, West Jefferson, N. C., wants a recipe for the Waldorf Astoria Cake. She says:

"It's such a delicious cake and it seems I can't find the recipe anywhere. I've bought it at church bake sales. I felt that one of your readers might have this recipe and would share it with me."

☐ MRS. H. S. BROWN, Box 298, Richlands, wants to know where she can buy small tart pans. "I have been looking for them for such a long time, but so far never been able to find them."

(We can't help but add that Mrs. Brown also said, "I am always delighted when I find the Carolina Farmer in the mail box. I find each issue helpful, as well as entertaining." To Mrs. Brown: "We are always delighted when we find letters such as yours in our mailbox.")

☐ MRS. JAMES H. ALLEN, Robbins, Route 2, wants to know where she can buy drapery material for drawstitching. She also wants to know where one can buy furry material for teddy bears. (Her children's teddy bears need remaking.)

☐ MRS. C. T. HASSLEY, Warrensville, needs a recipe for pickling cucumbers or sweetpeppers so that they will stay green after they are pickled. "I like for these pickles to hold their color after they are canned," she writes.

EDITOR'S NOTE: As mentioned elsewhere in this issue, Becky Rivers is leaving the Carolina Farmer to become assistant editor of North Carolina Education, published by the North Carolina Education Association.

This, then, is the last time "Over the Lines With Becky" will appear in this spot.

No matter how it is measured—in devotion to rural electrification, in enthusiasm for her work, or in just having her cheerful personality among us—the loss to rural electrification is great.

So our best wishes go to Becky on her new job. We'll miss her and we know her many devoted readers will too.

—Dick Pence

9348 14½-24½



4738 10-16



NEW FALL FASHIONS

4738—Clever pop-top and skirt; wear together, apart. Printed Pattern in Teen Sizes 10-16. Size 12 outfit takes 3¾ yards 39-inch fabric.

9318—Slimming step-in dress with wide, notched collar, pockets. Printed Pattern in Half Sizes 14½-24½. Sizes 16½ takes 3¾ yards 35-inch fabric.

9348—Smart shirtdress with tucked bodice, new T-panel skirt. Printed Pattern in Half Sizes 14½-24½. Size 16½ takes 4¼ yards 35-inch fabric.

9166—One skirt slim, one flared; wear both with boxy jacket. Printed Pattern in Misses' Sizes 10-20. Slim skirt 1¾ yards 35-inch fabric, full skirt 3¾ yards; jacket 2¼ yards.

9153—Sew this step-in style with collar or scoop neck. Printed Pattern in Misses' Sizes 12-20; 40. Size 16 with collar, 5 yards 35-inch fabric.

4870—For a good little girl from Santa! Baby-doll wardrobe includes bunting, snow-suit, overall set, coat, hat, dress, slip, panties. For dolls 10, 12, 14, 16, 18, 20 inches. STATE SIZE.

Color Catalog



PRINTED PATTERNS
Fall and Winter 1961

Send THIRTY-FIVE CENTS in coins (no stamps please) for EACH pattern to: CAROLINA FARMER, Post Office Box 42, Old Chelsea Station, New York 11, N. Y. Add 10¢ each for 1st-class mailing.

Send 35¢ for new color Catalog of 100 Printed Patterns.



9166 10-20



9153
12-20
40



INFANT DOLL 4870
WARDROBE FOR DOLL
10"-20"
TALL

HOME DECORATING



7230

7199



7230. Here are many of baby's special pets, worked in the easy embroidery stitches. Do lazy-daisy flowers in gay colors, blue predominant for a boy, pink for a girl. Transfer of 9 motifs 5½ x 6½ inches. 7199. Let this clever doll keep your electric mixer spotless! Just sit her on top of it. Her long, full skirt is its protective cover. Use gay remnants. Pattern pieces, transfers, directions for mixer-cover doll. Easy. Fun to make. Send TWENTY-FIVE CENTS (in coins) for EACH pattern to: The Carolina Farmer 243, Needlecraft Service, P. O. Box 162, Old Chelsea Station, New York 11, N. Y. Add FIVE CENTS each for 1st-class mailing.

IT'S READY FOR YOU! Our new Fall - Winter Needlecraft Book shows 200 designs to crochet, knit, weave, embroider, PLUS fashions, novelties, home furnishings. Only 25¢.

Safe Lighting



Many do-it-yourself fans brighten up when they see some new project or repair job to undertake. But enthusiasm dims when they descend into a poorly lighted work area.

It's easier to work quickly and accurately if you can see what you're doing. Yet many persons putter around with an old table lamp on the work bench.

The resulting contrasts of glare and shadow are enough to make a man hang up his hammer for good. He might be better off, because inadequate lighting contributes to accidents and severely handicaps chances of doing good work.

Proper lighting varies according to working areas and jobs to be done. Requirements for a farm shop handling major machinery are greater than for a basement bench.

A good basic rule is to light both general and specific work areas, especially where power tools are to be used. Then increase lighting efficiency by painting or adding walls, ceilings and floors with light colors.

A fluorescent ceiling fixture with twin tubes provides a good general illumination, lighting up broad areas, corners, drawers and shelves. Two 20-watt tubes give much more light than a single 100-watt or more set directly over the work bench. Keep fixtures clean. Dirty bulbs can cut lighting efficiency in half.

A variety of portable lights for close work or jobs away from the bench can be built or bought. A caged service light can be hooked onto machinery and automobile hoods or suspended in mid-air from a small balancer at the exact point the operator wants it. A wall-mounted swing-arm lamp can extend over a wide area.

African Violets

While we're on the subject of lighting, scientists say that african violets produced with fluorescent tubes are sturdier and greater than with any other system of lighting.

Place the tube about one foot above the plants and in the evening turn on the light for a couple of hours.

— FRONT PORCH —

(Continued from page 3)

This worked fine until an inquisitive teacher began exploring more deeply.

"That's nice," said the teacher, "Does your father write for a newspaper?"

"No," said the puzzled lad.

"Does he write books?" pushed the teacher.

"No," was again the answer.

"Well, then," said the teacher, fast running out of writing jobs, "Does he write songs?"

"Yes," said the lad brightly, rather than continue with the inquisition. (The nice thing about this spontaneous answer is that it undoubtedly gave the youth considerable prestige among his classmates.)

Anyway, my problem is still with me. Since I can't write songs, am not president of CP&L, don't care about selling shoes, and am not working for REA, I guess I'll have to go right on explaining.

It's official. I'm now a good egg. Not

that there was any real doubt in my mind, but it's always helpful to have concrete proof.

So on my wall now hangs a citation—signed by the governor—attesting to my all-around good nature, and to the fact that I eat eggs.

This was my reward for attending a breakfast (with eggs poached and scrambled, orange-egg drink and egg butter) sponsored by the North Carolina Egg Marketing Association, Inc., at which Governor Sanford officially declared North Carolina the "Good Egg State." And he conferred the title of "Good Egg" on all present.

If you'll take a good look at the photo on this page, you'll see the governor about to break open a square egg—a product of the inventiveness of State College scientists. Standing by is Atwell Alexander, president of the N. C. Egg Marketing Association.

Apparently—with good eggs and square eggs—North Carolina is off to a flying start in living up to its new title.

Every Litter
Bit Hurts . . .

**KEEP
AMERICA
CLEAN AND
BEAUTIFUL!**

Published as a public service in cooperation with The Advertising Council



GOVERNOR SANFORD cracks open a square egg—it's almost a square meal.

A Check for YOU

Davie Retires Capital Credits

John J. Allen, of near Mocksville, was presented the first of Davie Electric Membership Corporation's capital credit retirement checks at Davie's annual meeting last month. Clyde Ellis, general manager of the National Rural Electric Cooperative Association, the main speaker at the event, made the presentation.

The retirement checks will refund \$250,000 to those who were members of Davie during 1950-54. This is the amount of money paid into Davie above the actual cost of electrical service. Other members will receive their checks in the mail.

Ellis, in his address to members of the co-op, urged them to continue cooperative action and "show others the REA way of helping people to help themselves."

Clyde Ellis hands John J. Allen the first of Davie EMC's capital credit retirement checks. Looking on are J. C. Jones, manager of Davie, left; Walter E. Fuller, executive manager of Tarheel Electric Membership Association, center; and C. C. Smoot, president of the Davie Board of Directors, right.

New Assistant Editor Named

□ Mrs. Lee Wilder has been named as new assistant editor of *the Carolina Farmer*, replacing Becky Rivers, who had been assistant editor since shortly after the magazine was acquired by the Tarheel Electric Membership Association.

Mrs. Wilder was women's editor of the *Charlotte Observer* for 2½ years until June of this year. Prior to that she was food editor for the *Tampa (Fla.) Tribune*, and was with the *Tampa Times* for a number of years. She also did radio and television work in Tampa.

She is a native of Florida and was graduated from Florida State University with a major in journalism. She also completed a year of graduate study at the University of Missouri, where she received the Bachelor of Journalism degree.

Mrs. Wilder received first prize in the feature story category at the 1961 North Carolina Press Association meeting. Four years ago she was winner of a national food editors' contest and received a trip to Europe.

She is married to Roy Wilder Jr. and has two sons, who are 16 and 13.

Mrs. Wilder assumed her new duties on Sept. 25. Her work will begin appearing in the November issue of *the Carolina Farmer*.

Miss Rivers leaves *the Carolina Farmer* to take the newly created position of assistant editor on the North Carolina Education Association staff. She began her new duties Sept. 18. She had been on the staff of the Tarheel Electric Membership Association for the past nine years, starting shortly after the statewide office opened its doors.



MRS. WILDER

FREEMAN VISITS NORTH CAROLINA

SECRETARY of Agriculture Orville L. Freeman made a whirlwind trip into North Carolina last month to address a joint meeting of the Farmers Cooperative Exchange and the North Carolina Cotton Growers Association in Raleigh.

Here are some of the topics he touched on in his speech at the State Fair Arena and at an earlier press conference:

Cooperatives—"Farmers' cooperatives should make their voices heard in the formulation and adoption of a national farm policy . . . (they) should broaden their concern for the general welfare of the people of our nation . . . (and) the cooperative movement has much to contribute to peace and freedom throughout the world."

Civil Defense—"We must develop a policy that will tell us how much food we need for the security of our country."

Feed Grain Program—"Contrary to what some people say, the Feed Grain Program has been a great success."

Farm Outlook—"I believe that in agriculture we have turned the corner toward hope—that we have moved around to the side of progress."

Surpluses—"Truly, a nation that can afford to complain about abundance—must be rich indeed."

The Image of Agriculture—"We have seen the beginning of a new understanding of the farmer's role in our economy. A new and much more accurate image of the farmer is being projected into the public mind."



Freeman at fairgrounds

September Circulation 163,985

NURSERY STOCK SALE

Strong winter hardy plants, selected for fall planting. Each plant is labeled, fresh packed to arrive in good condition. Planting instructions included in each order.

FLOWERING SHRUBS (1 to 2 Ft. Tall)	Each	5 Plants For
Althea, Double Red	\$.15	\$0.60
Althea, Double Purple	.12	.55
Glossy Abelia, Pinkish White	.23	1.00
Native Azalea, Asst. Colors	.23	1.00
Crape Myrtle, Red	.69	3.25
Cydonia Japonica, Red Burning Bush	.29	1.25
Deutzia, White-Pink Flowers	.12	.50
Hydrangea Pee Gee	.15	.70
Red Weigelia	.19	.90
Pink Weigelia	.15	.60
Yellow Weigelia	.15	.60
Persian Lilac, Orchid Color	.23	1.00
Old Fashion Lilac, Purple	.23	1.00
Snowball Bush	.20	.90
Mockorange, Large White	.15	.60
Flowering Quince, Red	.19	.90
Forsythia, Yellow Flowers	.15	.60
Spirea Van Houtti, White	.12	.50
Pink Spirea	.15	.60
Bush Honeysuckle, Red, Pink	.15	.60
Hibiscus, Asst. Colors	.12	.50
Red Snowberry	.12	.50
Sweet Shrub	.15	.60
Russian Olive	.19	.90
Flowering Almond, Double Pink	.49	2.00
Pussy Willow	.19	.90
Red Barberry	.30	1.25

FLOWERING TREES	Each	5 Plants For
Pink Dogwood—2 Ft.	1.00	4.75
White Dogwood—2 to 3 Ft.	.17	.75
White Dogwood—3½ to 5 Ft.	.35	1.50
Red Flowering Peach—2 Ft.	.49	2.25
Red Flowering Crab Apple—2 to 3 Ft.	.59	2.75
Purple Leaf Plum—2 to 3 Ft.	.49	2.25
Pink Mimosa—2 to 3 Ft.	.17	.75
Red Bud—2 to 3 Ft.	.17	.75

FAST GROWING SHADE TREES	Each	5 Plants For
Chinese Elm—2 to 3 Ft.	.17	.75
Silver Maple—2 to 3 Ft.	.17	.75
Lombardy Poplar—2 to 3 Ft.	.17	.75
Tulip Poplar—2 to 3 Ft.	.17	.75
Weeping Willow—2 to 3 Ft.	.25	1.00
Sycamore—2 to 3 Ft.	.39	1.75
Red Maple—2 to 3 Ft.	.25	1.00
Pin Oak—2 Ft.	.89	4.00

COLLECTED EVERGREENS	Each	5 Plants For
American Holly—½ to 1 Ft.	.20	.90
Mountain Laurel—½ to 1 Ft.	.20	.90
Short Leaf Pine—1 to 2 Ft.	.18	.75
Hemlock Spruce Pine—1 Ft.	.20	.90
Rhododendron—½ to 1 Ft.	.35	1.50
Christmas Fern Clump	.18	.75

BORDER AND HEDGE PLANTS	Each	5 Plants For
50 South Privet Evergreen Hedge—1.2 Ft.	1.00	
50 Hardy North Privet—1 Ft.	3.00	
25 Forsythia, Goldenbell—1.2 Ft.	2.50	
25 Multiflora Rose—1.2 Ft.	2.50	
25 Red Cedar—1 Ft.	2.50	
25 Double White Spirea—1.2 Ft.	2.50	

VINES	Each	5 Plants For
Wisteria	.35	1.50
Bitter Sweet	.15	.60
Halls Honeysuckle	.15	.60
Red Flame Honeysuckle	.25	1.00
Trumpet Vine	.15	.60
Collected Clematis Vine	.35	1.50
Concord Grape	.49	2.00

FRUIT AND NUT TREES	Each	5 Plants For
Red Delicious Apple—2 to 3 Ft.	.49	2.25
Yellow Delicious Apple—2 to 3 Ft.	.49	2.25
Elberta Peach—2 Ft.	.39	1.75
J. H. Hale Peach—2 Ft.	.39	1.75
Kieffer Pear—2 to 3 Ft.	.75	3.50
Cherry Trees, Sweet; Sour—2 to 3 Ft.	.89	4.00
Plum: Burbank, Methley—2 Ft.	.59	2.75
Chinese Chestnut—1.2 Ft.	.89	4.00
Hardy Pecan Seedlings—1.2 Ft.	.89	4.00

BONUS PLANTS: On all orders over \$3.00 you get (3) extra flowering shrubs (our choice).
OUR GUARANTEE: If you are not entirely satisfied on arrival, return in 10-days and we will replace plants, or refund your money.
Add 40¢ extra for postage and packing, order now.

VERNON BARNES NURSERY
Est. 1948
McMINNVILLE, DG, TENN.

Rural Exchange

Rates: 15¢ word cash with order Minimum—\$3.00

ANNUAL MEETINGS

DAVIDSON ELECTRIC MEMBERSHIP CORPORATION on Saturday, October 21 at 1:30 p.m. at the Y.M.C.A.—Lexington.

FOUR COUNTY ELECTRIC MEMBERSHIP CORPORATION at Hussey's Warehouse in Wallace on Saturday, October 28 at 10:00 a.m. Will have speaker and approximately \$900 in FREE PRIZES.

RUTHERFORD ELECTRIC MEMBERSHIP CORPORATION on Saturday, October 28 at 9:30 a.m. Will have approximately \$1,000 in FREE PRIZES.

EDUCATIONAL OPPORTUNITIES

HIGH SCHOOL AT HOME in spare time with 65-year-old school. No classes. Standard high school texts supplied. Single subjects if desired. Credit for subjects already completed. Progress at own speed. Diploma awarded. Information booklet free . . . write today! American School, Dept. X758, Drexel at 58th, Chicago 37.

MISCELLANEOUS

SUBSCRIBE TO GOVERNMENT SURPLUS WEEKLY, lists all sales. Buy jeeps, trucks, boats, tents, tires, etc., direct from Government. Next 10 issues, \$2. Government Surplus, Paxton, Illinois.

OF INTEREST TO WOMEN

NEW CROSS-STITCH CATALOG NO. 7 plus one beautiful pattern. 25¢ coin. Audrey Hutchins, Beaver, Iowa.

POULTRY

"GUARANTEED 100% HEAVIES!" Reds, Rocks, Rockcrosses \$5.95 per 100. "JUMBO" WHITE ROCKS \$6.90. C.O.D. Heavy Breeds Guaranteed as hatched \$8.90; Pullets \$16.90. "DELUXE" White Rocks, Barred Rocks, New Hampshires, Rhode Island Reds Straight Run \$10.90—100; Pullets \$18.90. Redrock Sexlink Pullets \$21.90; Straight Run \$11.90. "CHAMPION" Pedigreed White Leghorns (Extra Large Eggs) Pullets \$24.90. "FAMOUS" White Leghorn Pullets \$21.90; Straight Run \$10.90. Pekin Ducklings 12—\$4.50. Bronze or White Holland Broad-breasted Turkeys 15—\$11.75. Beltsville White Turkeys 15—\$9.75. Live Delivery Guaranteed, fob. RUBY CHICKS, Dept. NCRA 9, Norfolk, Virginia.

**SOUTHERN ENGINEERING
COMPANY**
ARCHITECTS—ENGINEERS
ATLANTA, GEORGIA

SEW APRONS at
Home For Stores
No charge for material to fill
orders. In our fourth successful
year.
ADCO MFG. CO., Bastrop 80, La.

For Real

A Russian track coach, interviewed by an American sportswriter, was asked why the Soviets are now producing such fast runners.

"It's really quite simple," the coach replied. "We use real bullets in our starting guns."

* * *

Necessary

When an adverse witness preceded each answer with, "I think," the lawyer lost his patience and insisted for the third time that the witness tell the court and jury "what you know, and not what you think."

Whereupon the witness quietly replied, "I'm not a lawyer; I just can't talk without thinking."

* * *

No Help

Small boy, turning green puffing on a cigarette, looked sickly at his chum and admitted, "Even with 20,000 tiny filters, I get sick."

* * *

Theory

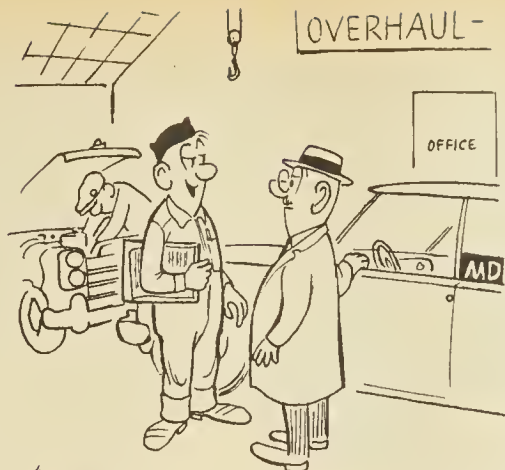
Two men were discussing their status in life. "I started out on the theory that the world had an opening for me," said one.

"And you found it?" asked the other. "Well, rather," replied the first. "I'm in the hole now."

* * *



"If that doesn't scare 'em, nothing will."



"Come now, doctor, do you offer a money-back guarantee?"

HALE!

Worthwhile?

Old Uncle Zeke had gone to the funeral of a friend and, after the ceremony, sat in the chapel of the funeral home until the crowd thinned out. The mortician sat beside him and began passing the time of day.

"How old are you, sir?" he asked Uncle Zeke.

"Ninety-one," chirped the old man.

"Ninety-one, eh?" mused the undertaker. "Hardly worth going home, is it?"

* * *

Wise Cracks

... America's motorists take good care of their cars—and they keep pedestrians in good running condition, too.

... Why can't life's problems hit us when we are 18 and know everything?

... The best way to enjoy a beautiful, productive garden is to live next door to one, and cultivate your neighbor.

... Success is relative—the more success, the more relatives.

* * *

Smartie

Johnnie had only two pennies in his pocket when he approached the farmer and pointed to a tomato hanging lusciously from a vine.

"I'll give you two cents for it," the boy offered.

"That kind brings a nickel," the farmer told him.

"This one?" Johnnie asked, pointing to a smaller, less tempting specimen. The farmer nodded agreement.

"Okay," said Johnnie, and sealed the deal by placing his two pennies in the farmer's hand. "I'll pick it up in about a week."

* * *

Self-Protection

A three-year-old and his father were being pushed towards the rear of a rapidly-filling elevator. A kindly lady turned to the father and said, "Aren't you afraid the little boy will be squashed?"

"Not at all," answered the fond parent. "He bites."

* * *



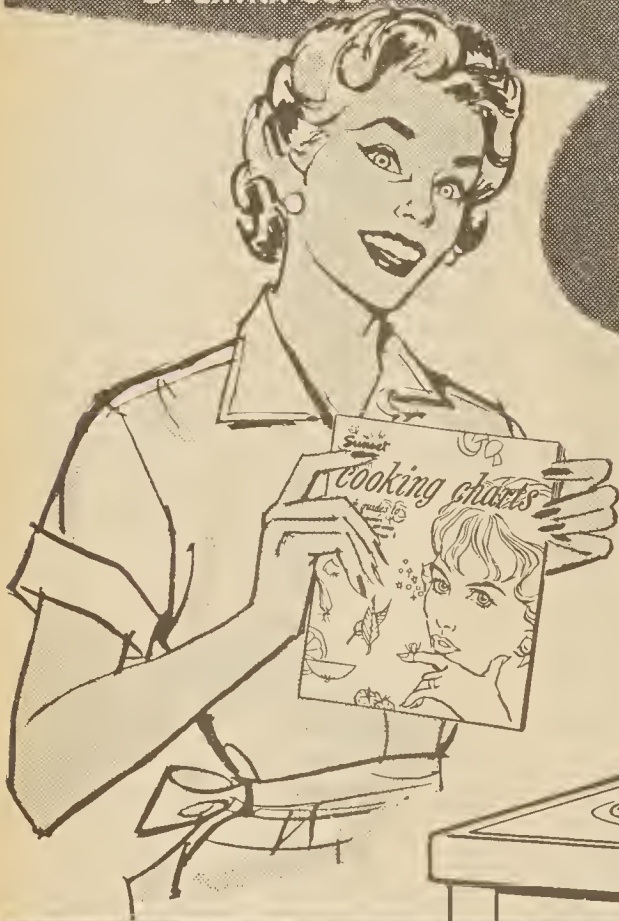
"You'd better stay out of your workshop the rest of the day. That's the last of the bandages."

Repeat of a sellout! By popular demand!

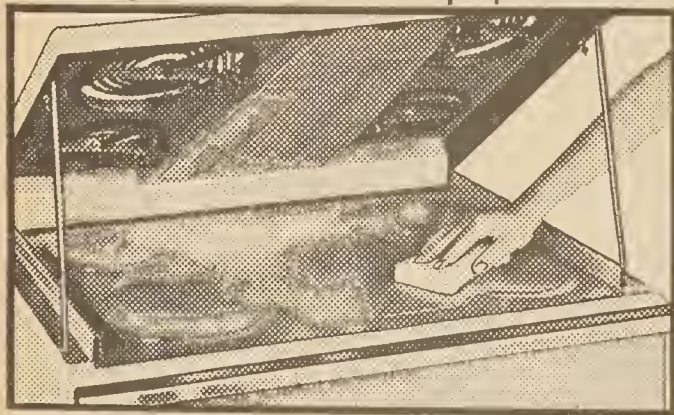
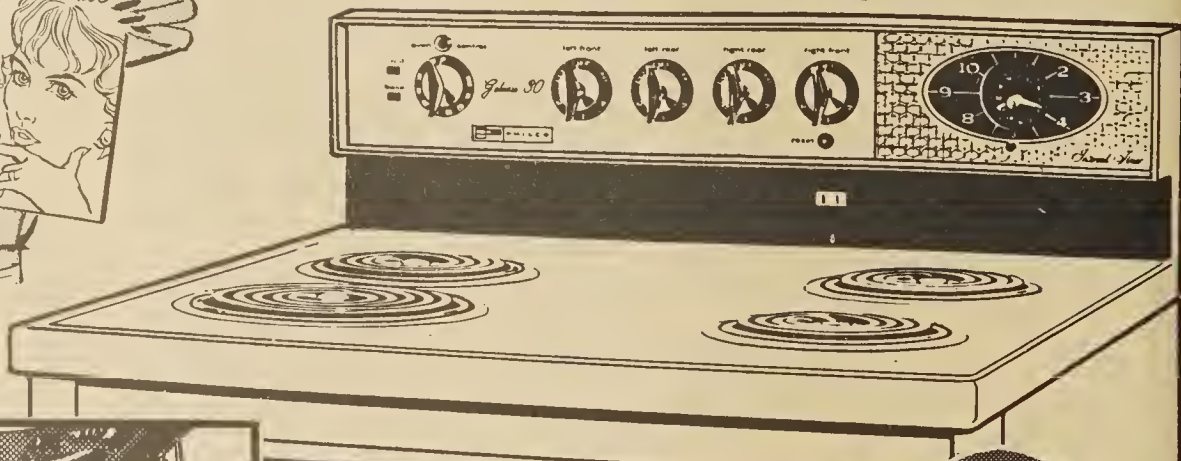
FREE

OF EXTRA COST

**SPICE RACK AND
COOKBOOK — \$16⁹⁵ value —
with PHILCO TILT-TOP RANGE!**



You'll thrill to this beautiful hand-rubbed pine spice rack with its 24 apothecary jars filled with spices from all over the world — plus a wonderful spice cookbook. They're yours, absolutely free of extra cost, when you buy a new Philco Tilt-Top Electric Range at participating dealers.



Exclusive Tilt-Top construction lets you clean all spillovers quickly. Just tilt up top and sponge clean.

Only Philco has Tilt-Top convenience. Also: lift-off oven door, removable storage bin for cleaning under range, banquet-sized oven, push-button bake or broil, oven clock and interval timer, hi-speed elements, appliance outlet.

PHILCO
Famous for Quality the World Over

MODEL 30SP13

Priced at only

\$199⁹⁵ WITH TRADE

Equally hot buys in new Philco 40" 2-oven ranges Come in.

ALBEMARLE
ALBEMARLE RADIO
ASHEVILLE
HAVERTY FURNITURE CO.
QUALITY RADIO
STEVE'S PLACE
BELHAVEN
HARRIS FURNITURE CO.
BOONVILLE
BRYANT RADIO
BYNUM
C. E. DURHAM & SON
CHAPEL HILL
ELECTRIC CONSTRUCTION CO.
CLINTON
HOME COMFORT SUPPLY CO.
DOBSON
AUSTIN-BLACKWELDER FURN.
ELKIN
ED SNYDER'S, INC.

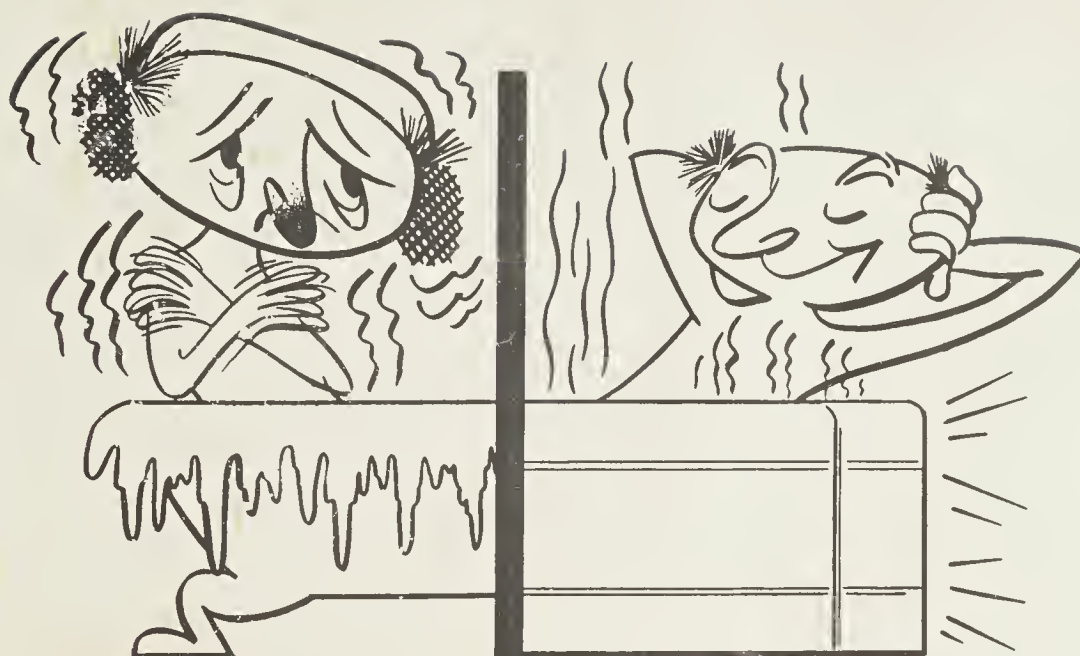
FAYETTEVILLE
KIMBRELL'S, INC.
LANGFORD'S
MERCHANDISE MART
GRAHAM
TOWN & COUNTRY FURN. CO.
GRANITE FALLS
SOUTHLAND HOME FURN. CO.
HENDERSON
C. J. FLEMING CO.
WILSON ELECTRIC CO.
HUDSON
KINCAID-ICARD FURN. CO.
JACKSONVILLE
BAYSIDE FURN. CO.
KINSTON
CROOM FURNITURE CO.
LENOIR
TEAGUE FURNITURE CO.
LEXINGTON
SHOAF WAYSIDE FURN. CO.

MARSHVILLE
LITTLE APPLIANCE CO.
MONROE
FUNDERBURK FURN. CO.
MORGANTON
KIMBRELL'S, INC.
KIRKSEY & CO.
MT. HOLLY
KIMBRELL, INC.
NEWTON
NEWTON FURN. CO.
N. WILKESBORO
C & C FURNITURE CO.
ROCKINGHAM
HALLUM FURN. CO.
ROCKY MOUNT
MOSELY'S NEW & USED FURN.
SALISBURY
YOUNG HARDWARE
SEAGROVE
SEAGROVE MOTOR CO.

SELMA
GRAY'S RADIO & APPL. CO.
STATESVILLE
BLACKWELDER FURN. CO.
KIMBRELL'S, INC.
TAYLORSVILLE
RUFFY'S RADIO SALES & SERV.
WADESBORO
HALLUM FURNITURE CO.
WALLACE
SPORTS & HARDWARE CENTER
WARRENTON
WARRENTON FURN. EXCHANGE
WASHINGTON
JEFFERSON GAS CO.
WILLIAMSTON
WOOLARD FURNITURE CO.
YADKINVILLE
PICKETT & HUFF

Distributed by Brown-Rogers-Dixson Co.

Raleigh • Winston Salem • Charlotte



Why shiver in
COLD water . . .

. . . it's so easy to
enjoy dependable
HOT water!

With a modern electric water heater — you can have plenty of hot water for every need . . . when you want it, day or night. Here's why a modern, electric water heater can put an end to your hot water worries forever . . .

- **SAFE**—No fire hazard, no gases or fumes. There's no flame with an electric water heater.
- **AUTOMATIC**—Set the temperature control, and your electric water heater needs no more attention or manual regulation . . . guarantees a safe water temperature to prevent scalding.
- **CLEAN**—Eliminates fuel tanks, flues, smoke, ashes—electricity is the modern way.
- **DEPENDABLE**—No fires or pilot lights to go out. Keeps an adequate supply of really hot water always ready for use.
- **ECONOMICAL**—No heat is wasted. Since no flue is needed with an electric water heater all the heat goes into the water. Saves construction costs. Easy to install anywhere. And, the electric rate for water heating is low!

See your favorite appliance dealer today about putting an electric water heater to work in your home. Join the millions of worry-free families who know that electricity is the only modern, really safe way to heat water.



TARHEEL ELECTRIC MEMBERSHIP ASSOCIATION



ANOTHER STEP TOWARD MODERN TOTAL *Electric Living*

REMEMBER WHEN? BARGAINS THEN!



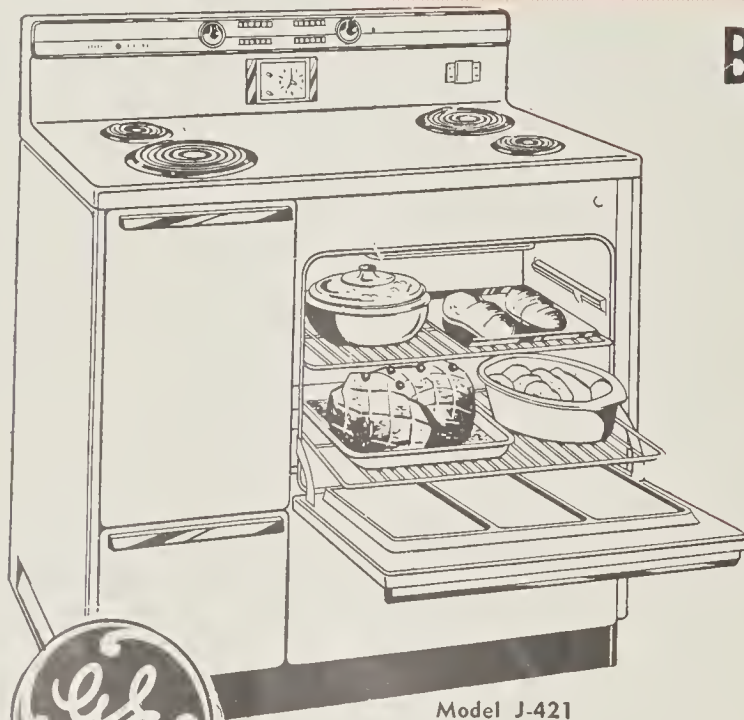
TODAY

The Lowest Price Ever
For A General Electric
40-Inch Automatic
Pushbutton Range!

Big New GENERAL ELECTRIC RANGE

Big 23" Automatic Oven

- Convenient Keyboard Controls
- Easy-Set Oven Timer
- Extra High Speed Calrod Unit
- Focused Heat Broiler



Model J-421

only **\$189⁹⁵** *
WITH TRADE

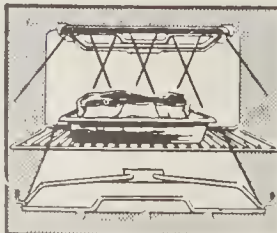
PROGRESS IN FEATURES . . . PROGRESS IN STYLING . . . PROGRESS IN QUALITY



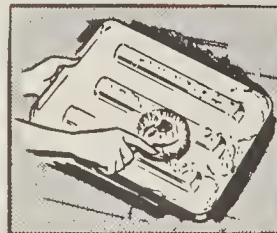
● Removable Oven Door—lifts off easily, slips back on easily, for fast, no-stretch oven cleaning.



● Push-button Controls—surface units flick on and off at a touch. You get the exact heat you want every time.



Focused Heat Broiler—saves electricity by focusing heat right on meat.



Removable Broiler Reflector—slips out easily and fast for simple cleaning.



Hi-Speed Calrod Units—heat up fast, start cooking fast! Coils clean themselves.

Distributor Recommended Special Price For Limited Time Only

SEE YOUR NEAREST G-E DEALER TODAY

WALKER MARTIN, INC., DISTRIBUTOR

RALEIGH • GREENSBORO • CHARLOTTE • ASHEVILLE